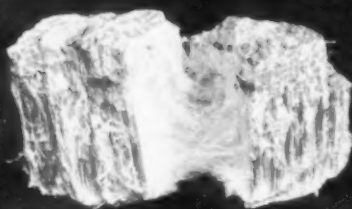


# ASBESTOS



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FEBRUARY 1930

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# ... ASBESTOS ...

A MONTHLY MARKET JOURNAL

DEVOTED TO THE INTERESTS OF THE  
ASBESTOS AND MAGNESIA INDUSTRIES

A. S. ROSSITER

EDITOR

PUBLISHED BY

C. J. STOVER

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February 1930

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# — A S B E S T O S —



*Tarsco marble (on asbestos flat sheets) at the Sodamul, New York City*

## A New Development in Wallboard

Many, of an inventive turn of mind, have devoted their energies during the last several years to the production of a wallboard, or interior lining, which would do away with the dirt and the necessity of waiting for ordinary plaster to dry.

First came the purely utilitarian boards, which were designed simply to replace plaster and had to be papered, painted or otherwise decorated.

Later it seemed certain that the sale of wallboards could be greatly increased if they could be delivered to the user already decorated, as this would save time, and make certain a really good finish.

It was just a step from the making of a decorated board, to the working out of attractive finishes, reproducing valuable wood grains, marble, etc.

The first wallboard in the Asbestos Industry was what is known as the asbestos cement flat sheet. This material gives fire resistance but is not particularly attractive in finish. Its use was first confined to factories and other places where its resistance to fire was of great value and where it was not necessary to have a highly decorative finish.

Then came what we will term "waltile." This is made by the several manufacturers of asbestos cement materials, and sold under various trade names, but basically, it is a flat sheet of asbestos cement, either plain or scored to resemble tile, and then finished by a painting process either in plain colors like tiling, or in some cases in wood or marble finishes.

There are also Elo Panels, which have been made in France for a number of years, but which have not been introduced into the United States to any extent as yet. Elo is an asbestos cement material moulded and finished to simulate wood carving.

One of the latest wallboards is the Tarso-Marble asbestos board. This goes a step farther than the waltile, as it can reproduce any desired finish of any color or

## — A S B E S T O S —

combination of colors or shades, both plain wood and inlays, and practically any other decoration on a flat surface.

The Tarso Process is by no means confined to an asbestos cement base. It can be, and is, used on plywood, presdwood, metal, leather, celluloid, and in fact almost any other material having a smooth surface.

When you know the secret it appears simple. Tarso decorations are made by a special photographic process. Any design such as wood, marble, reptile, or work of art is available on any material presenting a smooth, flat surface.

The process really makes the photographic finish a part of the basic material to which it is applied, and the quality of finish is durable as well as beautiful.

The Tarso Process originated some twenty years ago with Gerhardt Terlinden, a resident of the Grand Duchy of Luxembourg. Following the war the product was manufactured in Finland, and in 1925 the American Tarso Company<sup>1</sup> was formed, this company handling the manufacture and sale of the product in the United States and Canada.

Plywood or presdwood has been employed almost exclusively as a basic material, but the company is constantly experimenting, and recently has adapted its process to the flat asbestos cement sheet.

Naturally the asbestos cement base is more expensive than plywood, and therefore its use will most likely be confined to interior decoration where fireproofing is desired.

Much of the Tarso Board heretofore produced has been used in the manufacture of furniture, not for the furniture itself, but for decorative panels on beds, bureaus, chairs, etc., including radio cabinets. It is obvious that for such a purpose the asbestos cement sheet would not be practical, or at least not as practical as the less expensive plywood base.

But for interior decoration of hotels, theatres, or any public building, Tarso Board with the asbestos cement base would be admirable as it would be fireproof and

<sup>1</sup>1444 Twelfth St., Brooklyn, N. Y

## ASBESTOS

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**F**OR over fifty years Carey Asbestos, Magnesia and Asphalt Products have been supplied to manufacturers, industrials and power plants all over the world.

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*Lockland, Cincinnati, Ohio*

## — A S B E S T O S —

very durable.

So exact is the reproduction that it invites comparison with the original subject; it has the advantage of being less expensive than the genuine whether it simulates inlay, plain wood finish, marble, or whatnot, and in many cases it is much easier to work with than the original material.

### Asbestos Activities in Swaziland

(Quoted from the Mining & Industrial Magazine,  
of South Africa.)

The northwestern corner of Swaziland is at present a scene of intense asbestos development activity, several powerful groups having become interested in the area. It is too early yet to express a definite opinion on the ground being opened up, but we have little doubt that a great deal more will be heard of it. The asbestos occurs in pure serpentine, and by reason of the hilly formation will be easily mined. The question of transport may turn out to be a more difficult one, owing to the high mountainous country occurring between the present holdings and Barberton, the nearest rail.

The chief blocks on which intensive prospecting and development work are proceeding are the Havelock and Kabolonso Concessions—near the Transvaal Border—now being opened up by a firm whose name is famous in the asbestos world. Work is also proceeding under other auspices on the Pigg's Peak and Ruby Creek Concessions which, adjoining Kabolonso, exhibit similar formation.

The renewal of mining work on an actively producing scale in Swaziland would come as a welcome counterblast to recent disappointments in that province. From what we hear, when transport problems are solved, there is more than a prospect of a very important fibre field developing.

**SLEEVING  
AND  
TUBING**

*Inquiries Invited*  
**ATLAS ASBESTOS CO.**  
NORTH WALES, PA.

*From*  
**CRUDE ORE**  
*to*  
**FINISHED  
 PRODUCT**

Johns-Manville carries on the entire manufacturing process of asbestos. Mines in Arizona and Canada, thirteen factories located strategically across the continent and branch offices in all large cities cooperate in the supreme idea of service.

In a hundred ways Johns-Manville products contribute to the comfort of modern life and to the efficiency of industrial establishments. There are Johns-Manville Asbestos Shingles, automobile brake linings and Improved Asbestocel heater pipe and boiler insulations. Besides these, Johns-Manville makes scores of items ranging from asbestos curtains that protect theatre audiences to the packings, insulations and cements which make it possible to heat large buildings, and to operate great power plants.

**Johns-Manville**  
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EXECUTIVE OFFICES: NEW YORK

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## Mass Production and Costs

In the Magnesia Industry

Mr. Ford, the Advocate, and Mr. Filene and other of Mr. Ford's Disciples of the theory that mass production lowers cost, are right, unquestionably when automobiles and other **standardized** products are considered.

A production belt is set at a speed which compels men to hold the pace or yield to better men. Day after day, the same size, shape and quality of parts are produced in the same way, and in such tremendous quantities that the production becomes almost entirely mechanical.

It is a very different problem when production of insulating materials is considered, especially that of 85% Magnesia Insulation, which requires more or less hand labor, and several days for drying.

Indeed, experience appears to indicate that in periods of great demand in the Magnesia Industry, the production per man actually decreases with consequent increase in costs, and, therefore, entirely sufficient justification for advancing prices.

This condition is easily explained.

There are twenty-four listed sizes of pipe covering and some specials. For these twenty-four sizes there are five listed thicknesses, making one hundred and twenty possible "types", all of which are in demand.

The sizes of pipe covering depend on the sizes of the pipes which the insulation is designed to cover. There can therefore be very little standardization of sizes of pipe covering until the manufacturers of pipes work out standards for their industry. The thicknesses of insulation depend, of course, on steam pressures, the higher the pressure, the thicker the covering required.

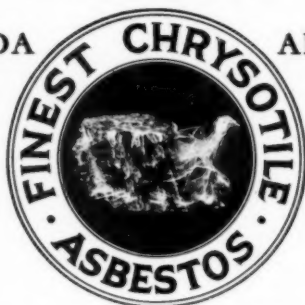
Which results in practical inability of the manufacturers of magnesia covering to decrease the number of types of their product.

Besides these one hundred and twenty types, of pipe covering, there are twenty-three listed thicknesses of blocks, fifty-three listed lengths of each thickness and all of these may be flat, or curved, or even tapered! Making

— A S B E S T O S —

CANADA

ARIZONA



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ASBESTOS  
MINES**

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OF  
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Shippers of  
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and  
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MINERS  
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Crudes  
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Spinning  
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Sales Agents  
**KEASBEY & MATTISON  
COMPANY**

**AMBLER**

**U. S. A.**

**PENNA.**

## — A S B E S T O S —

another multiplicity of types.

Magnesia blocks and covering are molded **wet** and it requires from six to fourteen days to thoroly dry them.

It is almost impossible for a manufacturer to guess accurately the nature of the demand next week or next month; the finished product is bulky—hard to store—and takes up an enormous lot of room.

Therefore the manufacturer stocks up on the sizes and thicknesses most used, and along comes an order with say four items which are in stock, and three of which are not. (We have known orders to contain as many as fifty different types.) That means that the order must be shipped in broken odd lots (which is often most undesirable from the customer's point of view) or the whole order must be held until it can be shipped complete, which may be a matter of ten days to three months.

One can imagine the confusion resulting when a dozen or more orders, in time of great demand, are held awaiting, one this, one that, style to complete.

Perhaps in years to come the Magnesia Industry will grow so huge that each size will have its own particular section of the plant, kept running constantly, but at the present, when the actual monthly production, as compared with the large basic industries of the United States, is small, the greater the demand, with consequent greater variety of sizes and thicknesses to be supplied, the higher the cost of manufacture.

Then too, employees are never so efficient nor interested when production is at maximum—another reason for rising costs in the Magnesia Industry when demand exceeds supply.

---

Our readers may have noticed the dropping off in production of asbestos in Cyprus the latter part of 1929, as compared with the same period of 1928.

This decrease in production was due to the rainy season setting in much earlier in 1929, and very severely. There was in fact, so much rain in Cyprus as early as October 13th that it was quite impossible to continue working in the quarries and this condition persisted right thru to the end of the year.

# ASBESTOS



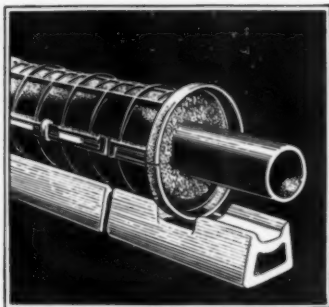
*Northeast Face of King Pit*

## ASBESTOS CORPORATION LIMITED

THETFORD MINES

QUEBEC

CANADA



*Under railroads or heavy traffic streets this cast iron Ric-wil Conduit makes your pipe covering as safe and dry as high in an office building.*

## **Cast Iron Protection for Your Pipe Covering**

**T**HE finest pipe covering made is only as good as the protection it gets after it's on the pipe.

That's why Ric-wil Conduit is such a positive guarantee that your covering is going to be efficient—and is going to stay that way, to the satisfaction of your customer.

Ric-wil makes sure of protection under all conditions—being made of water-tight, well drained tile for ordinary conditions, and of cast iron for extra heavy duty.

This cast iron Ric-wil, besides its enormous strength, has all the other Ric-wil advantages that make for easy, quick, economical installation—and extra long life.

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Originators of Waterproof Conduit Filler  
**Ric-wil**  
**UNDERGROUND CONDUIT**

## — A S B E S T O S —

### Progress in the Nicolet Asbestos Mines

The new plant of Nicolet Asbestos Mines Limited is practically completed, and is now in operation. The crushing plant has a capacity of 100 tons of rock an hour, and one unit of the mill, which is at present operating, about 50 tons an hour.

Nicolet Asbestos Mines owns and controls a large acreage in the Danville district of Canada, about six miles from the Town of Asbestos, where the famous quarries and mills of the Johns-Manville Company are located.

While the existence of this deposit has been known for many years and some exploratory work was done on it as long ago as 1903, by the late Sir Wilfrid Laurier, the



*Main Mill Building — Nicolet Asbestos Mines.*

late R. H. Martin and others, it was not until about two years ago when the present owners obtained options on these properties that thoro tests were made of the deposits.

On the advice of Norman Fisher, President of the Canadian Institute of Mining & Metallurgy, a program

## — A S B E S T O S —

of diamond drilling and trenching was carried out and thru the courtesy of Dr. Mattison, President of the Bell Asbestos Mines, several carloads of rock were run thru the mill at Thetford. The results of these tests warranted the present owners in exercising their options and in erecting the present plant.

The property will be operated by power shovel and inclined skip of large capacity and while the plant is modern and has some new labor saving features, it is conservative in design and does not depart at any important point from proven practice.

Ground was broken for the foundations in July 1929 and the mill began operation during the last week in January.

The work has been under the direction of the Managing Director, A. R. Martin, and G. M. Boyd and Harold McNaughton, Resident Engineers, all of whom have had extensive experience in the planning and operation of Asbestos properties.

## German Foreign Trade in Asbestos

BY G. HIRSCHFELD

In recently published figures, showing Germany's foreign trade for the first nine months of 1929 in asbestos and asbestos products, and compared with the same period of 1928, it is noted that imports are declined and exports increased, thus tending to an active and more favorable trade balance for Germany. This is due, it is believed, to the improved economic conditions in Germany in general and also to a better co-operation between the manufacturers.

Figures covering the various asbestos commodities may be of interest.

"Raw asbestos and asbestos fibre" takes first place. The imports of this commodity for the period mentioned amounted to 23,500,000 pounds, (value \$1,500,000) as compared with 28,500,000 pounds and \$1,600,000 for the same period in 1928.

Divided by countries, we find that Germany imported

— A S B E S T O S —

ARIZONA



AFRICA

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New York, N. Y.

**Crude :- Spinning Fibre  
Shingle Stock**

Owning and Operating  
**REGAL ASBESTOS MINES, Inc.**

Producers of  
**Arizona Asbestos**

European Head Office  
Merckhof  
**HAMBURG**  
Germany

IMPORT

EXPORT

## — A S B E S T O S —

14,650,000 pounds from Canada; 4,610,000 pounds from British South Africa; 1,670,000 pounds from Russia; 765,000 pounds from Portuguese East Africa; and 870,000 pounds from the United States.

While Germany's imports of raw asbestos and asbestos fibre have decreased, exports rose from 767,000 pounds (value \$80,000) in 1928 to 987,000 pounds in 1929 (value \$109,000).

A classification including asbestos paper, board and cement tiles appears to be new in importance. Total imports of these materials reached 178,000 pounds (value \$47,500) in 1929, a decline from 1928. France was one of the principal shippers, with 37,000 pounds. Like raw asbestos, while imports have decreased, exports have risen, Germany's exports of asbestos paper, etc., being 5,600,000 pounds (value \$570,000) in 1929 against 4,972,000 pounds and \$526,000 in 1928. Here the United States represented the best customer, with 770,000 pounds, considerably above the preceding year. Holland comes next, 603,500 pounds, Sweden 550,000 pounds and Italy with 181,000 pounds.

Third place is occupied by a list of miscellaneous goods, such as gloves, masks, shoes, tubes and hose. In this class the exports are about five times as large as the imports.

Asbestos Yarns, cords, ropes, etc., take fourth place. 20,000 pounds of Asbestos Yarns, etc., were imported by Germany during 1929 (\$7,000). Exports of these materials for the same period were about forty times higher, —875,000 pounds (\$300,000), and this figure was also about 20 per cent higher than in 1928. Great Britain leads all customers in this classification, 138,000 pounds; with Netherlands a close second, 131,000 pounds.

Imports of Asbestos fabrics and plates in 1929 represent a considerable decline from the preceding year. 126,000 pounds in 1929; 142,000 pounds in 1928. Great Britain's share in these imports was greatest, 84,500 pounds, while the United States sent 31,000 pounds. The exports of asbestos fabrics and plates were 640,000 pounds (value \$366,000) considerably above the 1928 level. Almost half of these shipments went to Japan.

The last item on the list is "insulating material"

— A S B E S T O S —

# ASBESTOS

*Arizona Crude*

*Italian Crude*

*Canadian Crude*

*Canadian Spinning Fibre*

*Canadian Shingle Fibre*

*Russian Crude*

*Rhodesian Crude*

*South African Blue Crude*

*South African Yellow Crude*



ASBESTOS LIMITED INC.

8 West 40th Street : New York City

Works: MILLINGTON, N. J.

## — A S B E S T O S —

made of asbestos, mica and micanite, the total imports of which were 14,500 pounds (\$11,700). Exports of the same classification were 99,000 pounds (\$140,000).

Note that all figures cover the first nine months of the year only, not the whole year.

### The Dangerous Practice of Doctoring Brakes

As one of its contributions to the national safety movement the Russell Manufacturing Company of Middletown, Conn., announces that it will wage war on the dangerous practice of doctoring brakes.

Mr. Palmer, Manager of the Company, maintains that the doctoring of brakes and the treating of brake lining with various "dopes" must be ruled out of the automotive picture if safety is to gain genuine headway. Representatives of his organization are constantly exposing the various tricks used to make worn out or defective brakes seem efficient and orders have gone out to report to headquarters all individuals or concerns engaged in this nefarious practice.

The use of various concoctions on brake lining to stop brake noises is claimed to be particularly dangerous. At best such treatments are of only temporary value in curing noise; and they reduce brake efficiency so that in an emergency the driver of a car may be unable to stop with safety. If the treatment is put on only one of the brakes which is usually the case, there can be no equalization of braking force on all four wheels with the result that the car will have a marked tendency toward skidding.

Often extreme adjustments of brake mechanism are made in an effort to avoid installing new brake lining. This is frequently overdone to a point where the brakes are nearly useless and where a driver is taking his life in his hands. Usually he pays good money for such questionable service.



## **A Broad Service** *at your command!*

Whitin Sales Engineers are assisting many asbestos yarn manufacturers in solving minor and major production problems. Their practical experience is yours to command, without obligation.

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**Ring Twisters**  
**Flyer Twisters**  
**Card Roll Grinders**  
**Card Grinding Rolls**

### **WHITIN MACHINE WORKS**

**WHITINSVILLE, MASSACHUSETTS, U. S. A.**

**Charlotte, N. C.**

**Atlanta, Ga.**

# — A S B E S T O S —

## FACT AND FANCY

### **Paris Decrees Polka Dots!**

Such must have been the headline a fairly prominent asbestos manufacturer read in his wife's fashion paper, for he straightway decided that he, for one, would not be behind the times!

Various artistic effects have been tried out by manufacturers of certain asbestos products, but it remained for this enterprising producer of asbestos cement to introduce polka dots.

The asbestos cement was so manufactured that after it was applied to the heater, it "broke out," as one heater man aptly put it, into black "polka dots."

Unfortunately the ladies did not appreciate this effort to dress up their heaters in the prevailing fashion, most of them insisting that the cement be whitewashed over to match their cellar walls.

This happened two or three years ago, and the firm finding their efforts unappreciated, discontinued the formula and now produce clean, white asbestos cement of guaranteed quality.

### **Synthetic Asbestos Fibre.**

Has anyone in the Industry ever heard of synthetic asbestos fibre?

The U. S. Department of Commerce, Washington, D. C., recently received a letter from its Johannesburg Office which read:

"Reports have recently come to this country about the new synthetic fibre said to have been perfected in America, which has similar properties and uses to natural asbestos. The mining industry here has asked me to try and get them any authentic information possible as to this product and its possible effect upon the asbestos mining industry."

We would certainly like to trace down the source of such a report, whether true or untrue.

Will our readers send us any information they may have concerning synthetic asbestos fibre, or efforts or experiments leading to such a material.



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NORRISTOWN, PENNA.  
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MAGNESIA &  
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EASIER TO SHIP,  
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full size Insulating  
Jacket, finished in a soft  
neutral tone of ivory—  
three wide gold lac-  
quered bands ... for  
fastening ... including  
solid insulating top  
piece ...

IT SETS UP IN FIVE MINUTES



## **A S B E S T O S**

### **Rats and Asbestos.**

When someone calls up and asks for two or three pounds, or quarts or square feet of asbestos, it often takes a mind reader to figure just what sort of asbestos product they want.

Which reminds us of a funny experience had by Mr. Johnston, President of the Atlas Asbestos Company at North Wales. In the middle of a very busy morning not long ago a lady living near North Wales, called Mr. Johnston on the telephone and said she wanted five pounds of the asbestos his company made to shut rat holes.

Mr. Johnston rapidly checked off in his mind the several products made by his company, but could not decide which might lend themselves to the purpose, none of them to his knowledge having ever been used to keep the undesirable rodents out.

The lady upon questioning, further explained that a nearby poultryman had purchased some roof cement (which is asbestos in combination with asphaltum) and had used it for shutting up rat holes, finding it so satisfactory that he recommended it to his neighbor.

Later the poultryman, in a talk with Mr. Johnston, confirmed his neighbor's statements, saying that he had used the roof cement with excellent results as the rats would not touch the compound.

### **The New York Public Library.**

A pleasant surprise came to us a few days ago in the shape of a 72 page pamphlet "Asbestos—A List of References to Material in the New York Public Library."

This pamphlet was compiled by William B. Gamble, Chief of the Science and Technology Division and contains, first, a list of various publications in which articles on asbestos appears and those publications devoted entirely to the subject of asbestos or asbestos products; second, patents issued by the United States, Great Britain, Germany and Canada on Asbestos materials, and third, an index of the list and the patents so that anyone in search of information on a certain asbestos subject may easily locate all the references to it.

The pamphlet should prove very useful to those in-

## — A S B E S T O S —

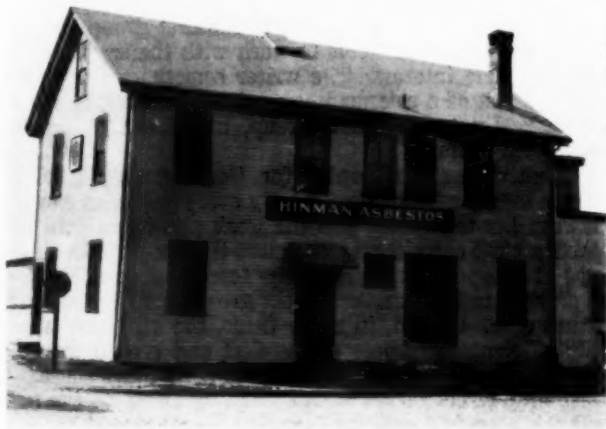
terested in asbestos who reside in or near New York City, and probably to residents of other cities. A copy can be obtained from E. H. Anderson, Director of the New York Public Library for 50c postpaid.

### **Strong Men of Thetford.**

When in Thetford, Mr. "Lanny" Smith called attention to the physique of the men in the shipping department of Bell's Mill.

They were strong, husky fellows, who could, and did, pick up a hundred pound bag of Asbestos fibre as easily as most of us can lift a five pound bag of sugar.

We were told that these men were all subjected to a physical examination and that they must be in perfect condition before being put on the job of loading cars with asbestos.



The new office and warehouse of the Hinman Asbestos Corporation at Binney and Fifth Streets, Cambridge, Mass., which they moved into during September. The building gives better storage facilities than their old one, and the location is more convenient for their customers.

## Little Lessons in Selling

THREE TYPES OF PROSPECTS

BY JOHN T. BARTLETT

There are three classes of prospective buyers.

The first are those certain to buy. Good salesmanship consists here in making the maximum sale. Repeatedly, related goods can be sold. Good salesmanship, further, will handle the customer with regard for future business.

The second group of prospects are those the salesman has excellent chances of selling. He *feels* this. The measure of efficiency here is in the percentage turned into sales. The danger is in taking a portion, with a feeling of satisfaction, when redoubled effort would have perhaps doubled the number of those buying. Here, again, there is opportunity to build the sale again and again.

The third group is composed of those that are "cold." These are made up of buyers the salesman will never sell, but including some he will sell at a future date.

Now it is very easy to sell to the first group with enthusiasm, and not difficult to work with the second group with dynamic interest. The writer sometimes thinks that the final test of a salesman comes in the ability to sell enthusiastically to the third group, knowing the obstacles confronting him.

Cultivate a philosophy for "cold turkey" selling. Over a long period of time, nearly every salesman can find between his total sales and the work put in on cold prospects a close correlation. The more time he puts in on this type of prospect, the greater the force and enthusiasm he displays, a real salesmanship, the greater will be sales at a future date. In fact, in many fields, the salesman who is only efficient in respect to the first and second group is bound to lose out in the end. For permanent success, a fresh crop of customers must be coming along all the time, and this crop is developed from the third group.

Of course, sure sales must be attended to, and so, also, must the group of "good" prospects. However, in your selling program, leave room for the cold prospects. In the final analysis, ability here will reward you the most of all.

# Vermont Asbestos Corporation



*MINING and MILLING  
ASBESTOS FIBRES*



Mine-Eden, Vermont, U. S. A.

General Offices

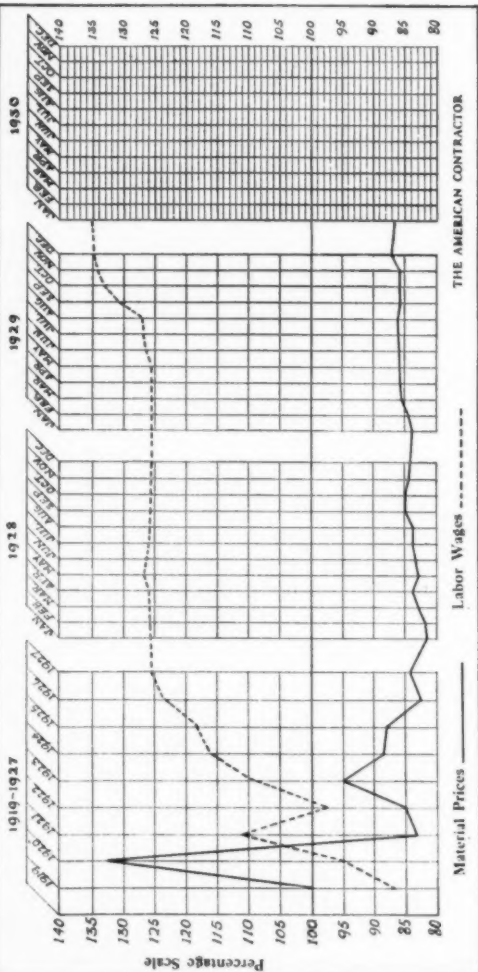
89 Broad St., Boston, Massachusetts

## Changes in Construction Material Costs and Labor Wages

A NATIONAL AVERAGE

100 = Five Year Average 1919-1923

Percentages by Months



## CONTRACTORS AND DISTRIBUTORS PAGE

The graph on the opposite page published by the American Contractor, is worthy of study.

Labor wages took an upward trend during the last few months of 1929. The New Year started off with seven wage increases in the building trades notwithstanding the announcement at the President's Conference that there would be no increases during the readjustment following the stock market crash. Most of the increases, however, were agreed upon prior to that event and made effective the first of the year. The increases in January 1930 compare with 15 increases for January 1929.

In the Asbestos or pipe covering trade, the new rate in Philadelphia, is \$1.37½, effective January 10th, 1930. The old rate was \$1.25.

Practically all building forecasts for 1930 predict an increase; many agree that 1930 will be the greatest construction year ever had.

The Architectural Forum, which issues an annual forecast, has always found its predictions substantiated by later facts. This year it estimates total construction for 1930 at \$7,000,896,000, which is over \$300,000,000 higher than 1928, our largest building year so far.

### DON'T CRITICIZE COMPETITORS

Criticism under any circumstances is not very pleasant; but criticism of competitors, whether it be justified or not, is just plain bad business.

In the first place it is seldom effective. Your competitor will in all probability disregard your criticism no matter how honest it may be.

In the second place it will arouse his antagonism; and a resentful competitor is likely to be more trouble to you than one who respects you.

In the third place it does not enhance your own position in the eyes of those who hear you criticize; you are likely to be considered unfair and a poor sport.

The Golden Rule works in this proposition. Talk about your competitors just as you would like to have them talk about you.

# ASBESTOS



## Africa (Rhodesia).

	October 1929 Tons (2000 lbs.)	Value
<i>Bulawayo District.</i>		
Croft (Afr. Asb. Mng. Co., Ltd.) .....	108.45	£ 2,315
Nil Desperandum & Sphinx (Afr. Asb. Mng. Corp.) .....	760.05	16,988
Norma (United Mng. & Gen. Tr., Ltd.) ....	64.05	1,281
Recompense 3 (J. S. Hancock) .....	11.16	139
Shabanie (R. & Gen. Asb. Corp) .....	2,722.58	54,452
<i>Lomagundi District.</i>		
Ethel (Rho. Chrome & Asb. Co., Ltd.) .....	10.50	210
<i>Victoria District.</i>		
Gath's (R. & Gen. Asb. Corp., Ltd.) .....	604.26	12,085
King (R. & Gen. Asb. Corp., Ltd.) .....	372.60	7,452
	4,653.65	£94,922
<i>October 1928</i> .....	3,100.68	£62,905

## Africa (Union of South).

	October 1928 Tons (2000 lbs.)	Value	October 1929 Tons (2000 lbs.)	Value
<i>Transvaal</i>				
Amosite .....	583.50	£ 6,095	560.17	£ 6,254
Chrysotile .....	1,205.00	20,485	1,306.26	15,318
<i>Cape</i>				
Blue .....	441.72	9,924	552.87	14,674
	2,230.22	£36,504	2,419.30	£36,246

## Cyprus.

December 1929 .....	736 tons (2240 lbs.)
December 1928 .....	787 tons (2240 lbs.)
Year 1929 .....	14,099 tons (2240 lbs.)
Year 1928 .....	16,287 tons (2240 lbs.)



## WALTER A. RUKEYSER

B.Sc.; E.M.

*Consulting Mining Engineer*

342 Madison Avenue, New York City

(Cable Address: Rukeyser, New York)



**S**pecializing in the design and erection of asbestos milling plants for all types of deposits; the examination, development and operation of asbestos properties.

*Inventor of the new process for the mechanical cobbing of crudes*



*Recently completed designs:*

Mill for Regal Asbestos Mines, Inc.,  
Arizona.

Preliminary project for 2400 metric tons  
a day mill for Uralasbest, Russia.

Flow Sheet for proposed Mill, Canada,  
Etc., Etc.



# MARKET



TRADE MARK

ASBESTOS-CEMENT  
SHINGLES  
CORRUGATED  
SHEETS  
AND LUMBER,

ARE USED EXTENSIVELY  
BY THE BELGIAN RAILWAY  
AUTHORITIES & WAR  
DEPARTMENT.  
THIS IS PROOF OF  
THEIR QUALITY.

**Scheerders -  
Van Kerchove  
United Company**

(Ste An)  
St. Nicolaas (Waas)  
Belgium

QUOTATIONS, LITER-  
ATURE and SAM-  
PLES SUBMITTED TO  
ANYONE INTER-  
ESTED.

## General Business.

The condition of general business appears to depend principally on whether you are talking to a pessimist or an optimist at the moment.

Most authorities agree, however, that while business may be depressed at the present time, the outlook for spring and summer is very encouraging. Building is slow at present, but it is predicted that 1930 will be the largest construction year ever known; the automobile industry had surprisingly good results from the 1930 shows, especially in view of the fact that the automobile industry is regarded as one of the hardest hit by the stock crash.

Even the most conservative appear to agree that 1930 will eventually prove to be a *good year*.

## Asbestos. Raw Material

Shipments of asbestos from Thetford Mines during the month of January were about equal to the shipments of one and two years ago; this is rather encouraging when one considers the present condi-

# — A S B E S T O S —

## CONDITIONS

tion of asbestos industry.

Consumers of medium and short fibres are buying at the same inside prices as they did thruout the year 1929. Prices on these grades for fibre of good quality are being maintained.

The situation in crudes and spinning fibres is not so good. Large quantities of crudes have been arriving from Africa and this has a very unfavorable effect on the market.

### **Manufactured Asbestos.**

While certain divisions in the Asbestos Industry are showing both seasonal and unseasonal falling off in demand, taken all together the asbestos industry in doing pretty well, and prices are firm.

*Textiles.* Prices of Textiles have undergone a considerable firming during the past month. New contracts have been taken at prices better than those quoted last year. This condition appears to be general thruout all sections of the country. The new contracts taken at present levels have been highly

*February 1930*



TRADE MARK

**"EVERITE"**

**Asbestos Cement  
Shingles  
Lumber  
Corrugated Sheets**

**"GIFFA"**

**Decorative  
Wall Lining  
(patented)**

The best imitation of  
Marble Panels measuring 8' 3" x 4'  
27 Patterns

**Apply for Prices, Pamphlet and Free Samples**

**Societe Francaise de  
"l'Everite"**

**Plaine St. Denis  
nr. Paris  
and Bassens nr.  
Bordeaux  
(France)**

## — A S B E S T O S —

gratifying and point to very good volume in the textile field during the coming year.

*Packing.* The winter demand for Packing continues strong. There has been very little curtailment in production on this class of material. In fact active conditions in this market appear to be in a fair way to continue until spring.

*Brake Lining.* The spring demand has, of course, not materialized to any degree at all, but from various factories we learn that considerable manufacturing for stock is going on. A general optimism among Brake Lining factories seems to prevail as to the volume of both the woven and moulded types which may be expected during the early spring and summer. Indeed manufacture in this particular division of the asbestos industry shows a decided increase in the last few weeks.

*Paper.* While demand for paper has improved slightly over last month, the increase is so slight as to have no significance. Prices are firm.

*Insulation.* Demand continues unabated in the Magnesia and other high pressure insulation lines, with prices firm, and deliveries well in hand.

Demand in the aircell market is just fair, having increased a trifle over last month. Prices are firm.

*Asbestos Cement Products.* Seasonally, of course, the shingle market is off but even otherwise demand is very low, with no special indication of improvement at the present. This is due, of course, to the inactivity in the residential building line. Competition, therefore, is naturally very keen, and prices not as firm as previously.

Flat sheets have fair demand.

In the Corrugated sheet division the outlook is exceedingly good. While at present there is not so much demand, there is a very great deal of industrial building in course of preparation on which corrugated is specified. Prices here are firm.

---

Note: The above comments represent the opinions of men closely in touch with conditions in their particular lines, and we believe them to truly represent the conditions obtaining in the various markets. We will be glad to receive comments or criticisms from our readers.

## **CYPRUS ASBESTOS**

A true Chrysotile fibre of great tensile strength, exceptionally clean and well graded, suitable for the manufacture of—

**Asbestos-cement pipes, sheets and  
shingles**

**Asbestos millboard**

**Moulded brake lining**

**Etc., etc.**

Limited quantity still available for 1930  
delivery.

---

APPLY FOR SAMPLES AND  
PRICES TO SOLE AGENTS—

**CYPRUS TRADING CORPORATION, Ltd.**

**49, ST. JAMES'S STREET  
LONDON, S. W. 1**

## A S B E S T O S

### Charles G. Ridley Dies in California

Many of our readers, especially those in western Pennsylvania, will remember with affectionate respect, Charles G. Ridley, who was for some years Manager of the Keasbey & Mattison Company's Branch Office at Pittsburg, Pa.

We have just received word that Mr. Ridley passed from this life on Friday, January 17th, at San Gabriel, Calif.

Mr. Ridley had suffered from rheumatism for years, and this led him some years ago to seek the sunny climate of Southern California. He read "ASBESTOS" regularly, practically since the first issue, and so has kept somewhat in touch with asbestos affairs.

We know there are many who will much regret his death.

### ASBESTOS STOCK QUOTATIONS

	Par.	Div.	January 1930		Last
			High	Low	
Asb. Corp. (Com.) .....	np	—	3	2½	3
Asb. Corp. (Pfd.) .....	100	7	12	10	10
Carey (Com.) .....	100	8	No Sales		
Carey (Pfd.) .....	100	6	120	120	120
Certainteed (Com.) .....	np	—	13¾	11	13¾
Certainteed (Pfd.) .....	100	7	No sales		
Garlock Packing (Com.) .....	np	—	23¼	20	23¼
Garlock Pkg. (6c Deb. 1939) ..	100	6	96	94½	96
Johns-Manville (Com.) .....	np	3	143	117	141
Johns-Manville (Pfd.) .....	100	7	121½	121	121
Raybestos-Manhattan Inc. (Com.) .....	np	—	41	33	40¾
Ruberoid (Com.) .....	np	4	55	52½	53¼
Thermoid (Com.) .....	np	—	22	18¾	21¾
Thermoid (Pfd.) .....	100	7	No Sales		
Thermoid (6s 1934) .....	100	6	92	82	90½

Someone has figured that thirteen thousand miles of brake linings are used up every year.

— A S B E S T O S —



# AMERICAN ASBESTOS COMPANY



*Manufacturers of*  
**Asbestos Textiles**

**NORRISTOWN, PA., U. S. A.**

*Headquarters for*  
**Yarns, Cloth, Tapes, Fibres, Brake**  
**Linings and Textiles Generally**

**WRITE FOR PRESENT PRICES**

# ASBESTOS



## IMPORTS AND EXPORTS



### Imports Into U. S. A.

#### Unmanufactured Asbestos.

	December 1928		December 1929	
	Tons	Value	Tons	Value
	(2240 lbs.)		(2240 lbs.)	
Africa (Br. S.) .....	229	\$ 31,545	88	\$ 15,547
Africa (Egypt) .....	93	35,610	...	...
Africa (Port. E.) .....	151	54,934	601	234,573
Australia .....	60	27,536	...	...
Belgium .....	49	7,958	...	...
Canada .....	17,336	680,837	14,669	472,175
Germany .....	240	69,025	...	...
Italy .....	...	...	1	1,063
United Kingdom .....	19	2,857	4	542
	18,177	\$910,302	15,363	\$723,900

#### Tabulation of Crude only:

Africa (Br. S.) .....	229	\$ 31,545	88	\$ 15,547
Africa (Egypt) .....	93	35,610	...	...
Africa (Port. E.) .....	151	54,934	601	234,573
Australia .....	60	27,536	...	...
Canada .....	556	120,793	125	42,644
Germany .....	192	63,220	...	...
Italy .....	...	...	1	1,063
United Kingdom .....	18	2,651	4	542
	1,299	\$336,289	819	\$294,369
Mill Fibre (Belgium) ....	49	7,958	...	...
Mill Fibre (Germany) ...	48	5,805	...	...
Mill Fibre (Canada) ....	7,905	403,654	4,982	259,335
Mill Fibre (U. Kingdom)	1	206	...	...
Lower Grades (Canada) ..	8,875	156,390	9,562	170,196
	16,878	\$574,013	14,544	\$429,531

### SUMMARY FOR YEAR—UNMANUFACTURED

#### Unmanufactured Asbestos—By Countries.

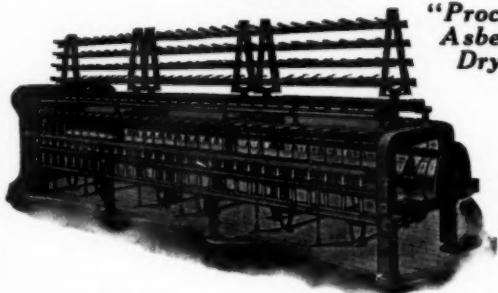
	Year 1928		Year 1929	
	Tons	Value	Tons	Value
	(2240 lbs.)		(2240 lbs.)	
Africa (Br. S.) ....	2,868	\$ 517,234	3,358	\$ 611,674
Africa (Port. E.) ..	1,825	559,369	3,967	1,553,080
Africa (Other Port.)	153	39,082	...	...

# ASBESTOS

## ASBESTOS YARN MACHINERY

"Smith-Furbush"

"Proctor"  
Asbestos  
Dryers

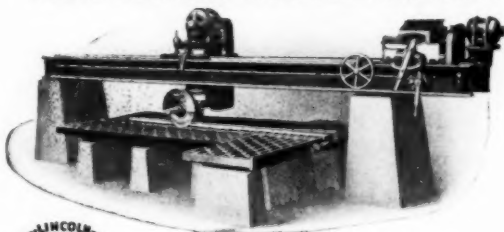


**PROCTOR & SCHWARTZ, INC.**

*Formerly Smith & Furbush Machine Co.*

Seventh St. & Tabor Rd., Philadelphia, Pa.

## YOUR CUTTING PROBLEM SOLVED!



**ASBESTOS COPING MACHINE  
CUTS WET OR DRY**

A sturdy accurate production machine for cutting asbestos shingles, slate, sheathing or similar products with abrasive wheels. Water connection for wet cutting or exhaust system for dry cutting. We would also like to tell you about our new small **Utility Coping Machine**. A line will bring full information on either machine.

**LINCOLN IRON WORKS, RUTLAND, VT.**

Founded 1864

Abrax is our trade name, applying to abrasive wheels, drums, blocks and grains which we recommend, furnish, and guarantee for use on Lincoln Coping, Edging, Moulding and Polishing Machines.

# A S B E S T O S

	Year 1928		Year 1929	
	Tons	Value	Tons	Value
	(2240 lbs.)		(2240 lbs.)	
Africa				
(Morocco & Egypt)	100	37,351	...	...
Austria .....	26	809	...	...
Australia .....	84	36,911	...	...
Belgium .....	815	99,007	311	55,125
Canada .....	197,597	7,034,418	225,059	8,363,541
France .....	97	15,885	...	...
Germany .....	1,941	590,511	1,048	361,446
Italy .....	13	7,456	139	32,424
Netherlands .....	81	18,038	...	...
United Kingdom ...	290	61,736	203	65,437
Russia .....	...	...	225	111,290
Other Countries ...	1	84	...	...
	205,891	\$9,017,891	234,310	\$11,154,017
<i>Unmanufactured Asbestos—By Grades.</i>				
<i>Africa</i>				
Crude .....	4,740	1,126,699	7,298	2,161,362
Mill Fibre .....	204	26,287	27	3,392
Lower Grades .....	2	50	...	...
<i>Canada</i>				
Crude .....	5,047	1,194,039	5,938	1,545,892
Mill Fibre .....	79,354	3,970,913	85,162	4,575,438
Lower Grades .....	113,079	1,867,516	133,929	2,241,806
Stucco .....	117	1,950	30	405
<i>Austria</i>				
Crude .....	1	29	...	...
Mill Fibre .....	25	780	...	...
Australia — Crude ..	84	36,911	...	...
<i>Belgium</i>				
Crude .....	105	14,095	311	55,125
Mill Fibre .....	563	84,912	...	...
France — Crude ....	97	15,885	...	...
<i>Germany</i>				
Crude .....	1,970	576,034	1,048	361,446
Mill Fibre .....	118	14,477	...	...
<i>Italy</i>				
Crude .....	12	7,387	109	31,212
Mill Fibre .....	1	69	1	45
Lower Grades .....	.	..	29	1,167
Netherlands—Crude ..	81	18,038	...	...
<i>Maltzo, Gozo, etc.</i>				
Mill Fibre .....	1	84	...	...
Russia — Crude ....	.	..	225	111,290
<i>United Kingdom</i>				
Crude .....	246	58,607	202	65,341
Mill Fibre .....	17	2,573	1	96
Lower Grades .....	27	556	.	..
	205,891	\$9,017,891	234,310	\$11,154,017

## BLUE AND AMOSITE CRUDES AND FIBRES

**"CAPE" BLUE ASBESTOS** of all grades suitable for shingles, asbestos-cement pipes, boiler and bulkhead blocks and textiles.

**AMOSITE** of all grades, suitable for 85% Magnesia coverings, composition and textiles.

## BLUE AND AMOSITE MANUFACTURED GOODS

Yarns, cloth, 100% Asbestos Sectional Pipe Covering, Millboard, etc.

Both Blue and Amosite cloths possess the highest insulating properties and are approved by the British Admiralty. They are also specially adapted for resistance to strong acids.

*The* **Cape Asbestos Co**  
*Limited*  
Morley House 28-30 Holborn Viaduct London E.C.1.  
Factory, Barking, Essex

Telegrams:— "Incorrupt," London. Telephone City 6937

# A S B E S T O S

## Manufactured Goods:

	December 1928		December 1929	
	Pounds	Value	Pounds	Value
<i>Yarn—</i>				
Germany .....	459	\$ 478	...	...
Italy .....	...	...	198	312
United Kingdom .....	470	148	1,001	613
<i>Fabrics, Woven—</i>				
Germany .....	...	...	56	133
Italy .....	...	...	108	118
United Kingdom .....	2,864	1,749	9,009	5,123
<i>Packing, Fabric—</i>				
Germany .....	...	...	1,481	423
United Kingdom .....	5,674	2,092	...	...
<i>Packing, not Fabric—</i>				
Austria .....	6,310	1,360	...	...
Canada .....	13,828	1,229	485	100
France .....	...	...	61	140
Germany .....	6,498	1,692	3,827	1,585
United Kingdom .....	2,923	1,013	15,967	8,949

## Shingles, Slate, Wood and Lumber—

	(inc. lumber)	(without lumber)
Belgium .....	660,575 9,895	3,969,872 64,464
Canada .....	54 14	...
Cuba .....	1,877 68	...
France .....	58,218 817	111,343 1,538
Germany .....	97,023 1,487	...
Italy .....	30,480 762	...
Netherlands .....	247,887 3,931	83,000 1,147
United Kingdom .....	80 16	...

## Lumber of Asbestos Cement—

Belgium .....	(included	89,387	5,542
France .....	in above)	75	4
Italy .....		667	23

## Paper and Millboard—None.

## Asbestos Cement—None.

## Other Manufactures—

France .....	38	25	...	...
Germany .....	110	75	...	...
United Kingdom .....	717	624	320	26

Grand Total ..... 1,136,085    \$27,475    4,286,857    \$90,240

## Shingles, Slate, Wood or Lumber—By Districts.

Baltimore .....	20,000	401	...	...
Florida .....	108,873	1,749	173,689	2,618
Galveston .....	131,107	1,983	2,544,040	48,199
Georgia .....	96,363	1,472	...	...
Los Angeles .....	57,742	803	...	...
Mobile .....	71,869	994	61,244	846
New York .....	228,813	3,838	667	23

# Asbestos Fibre

*for the manufacture  
of*

Roofing Cements • Fibrous Paints  
Filtration Packings  
Asbestos Shingles and Lumber  
Insulating Cements  
Asbestos Paper • Pipe Coverings  
Asbestos Millboard  
High Temperature Cements

**THE QUEBEC ASBESTOS  
CORPORATION**



*Office and Mines*

**EAST BROUGHTON, PROVINCE of QUEBEC  
CANADA**

# A S B E S T O S

	December 1928		December 1929	
	Pounds	Value	Pounds	Value
New Orleans .....	250,373	3,573	1,106,984	15,074
Philadelphia .....	24,771	327	367,720	5,958
Pittsburg .....	30,480	762	...	...
San Francisco .....	69,135	957	...	...
St. Lawrence .....	54	14	...	...
South Carolina .....	6,614	117	...	...
	1,096,194	\$16,990	4,254,344	\$72,718

## SUMMARY FOR THE YEAR—MANUFACTURED

	Year 1928		Year 1929	
	Pounds	Value	Pounds	Value
<i>Manufactured Asbestos.</i>				
<i>Yarn—</i>				
Germany .....	5,868	\$ 5,083	8,264	\$ 4,641
Italy .....	517	668	551	871
United Kingdom .....	274,532	80,894	15,887	8,067
<i>Fabrics, Woven—</i>				
Belgium .....	226	105	...	...
Canada .....	...	...	8	14
Germany .....	226	267	1,286	942
Italy .....	326	289	273	179
United Kingdom .....	51,665	34,456	86,673	50,725
<i>Packing, Fabric—</i>				
Austria .....	...	...	844	541
Canada .....	5,332	373	250	100
Germany .....	429	531	6,542	3,842
United Kingdom .....	23,592	7,476	11,135	4,652
<i>Packing, Not Fabric—</i>				
Austria .....	29,962	7,242	40,808	16,046
Belgium .....	623	299	997	185
Canada .....	15,165	1,765	7,883	1,065
France .....	2,480	591	17,193	13,250
Germany .....	41,401	12,537	36,402	14,219
Hungary .....	461	125	1,910	640
Italy .....	...	...	4,650	164
Netherlands .....	...	...	1,000	306
Sweden .....	...	...	20	5
United Kingdom .....	55,597	23,292	126,821	66,921
<i>Shingles, Slate, Wood and Lumber—</i>				
	(inc. lumber)		(without lumber)	
Belgium .....	38,285,816	609,118	47,438,020	624,251
Canada .....	240,018	13,309	62,685	3,122
Cuba .....	1,877	68	1,257	58
France .....	9,433,163	126,281	4,923,499	65,107

# A S B E S T O S

	Year 1928		Year 1929	
	Pounds	Value	Pounds	Value
Germany .....	1,642,557	30,675	902,400	16,017
Hungary .....	18,400	879	...	...
Italy .....	69,512	1,416	39,917	871
Netherlands .....	5,895,763	102,179	2,592,679	39,924
United Kingdom .....	80,331	2,141	95,480	1,475

## Lumber of Asbestos Cement—

Austria .....	Included	6,241	1,961
Belgium .....	in	93,562	5,552
Canada .....	above	206,935	10,094
Cuba .....		2,340	90
France .....		335,814	5,863
Germany .....		21	13
Italy .....		39,223	1,240
United Kingdom .....		822	150

## Asbestos Cement—

Canada .....	128,240	8,548	36,845	1,732
Cuba .....	240	200	2,249	105

## Paper and Millboard—

Belgium .....	714	63	...	...
Canada .....	50	21	...	...
Norway .....	316	57	...	...
United Kingdom .....	1,398	345	1,052	291

## Other Manufactures—

Austria .....	2,210	1,137	943	662
Belgium .....	5,947	435	29,553	1,964
Canada .....	18,939	1,245	1,673	353
Czecho-Slovakia .....	710	314	...	...
France .....	2,104	319	2,274	349
Germany .....	3,163	1,923	1,341	471
Italy .....	...	...	8,707	284
Switzerland .....	1,052	306	...	...
United Kingdom .....	49,764	15,530	19,547	8,208

56,390,686 \$1,092,502 57,214,476 \$977,582

## Shingles, Slate, Wood or Lumber—By Districts.

Baltimore .....	41,744	1,239	...	...
Buffalo .....	...	...	20,996	764
Florida .....	6,312,871	88,323	7,556,949	101,114
Galveston .....	11,471,232	156,970	12,459,614	176,295
Georgia .....	1,083,997	16,102	200,646	2,913
Hawaii .....	22,567	1,102	...	...
Los Angeles .....	115,817	1,663	38,116	2,039
Maine and N. H. ....	15,184	397	35,400	614
Massachusetts .....	1,503,564	20,650	...	...

# A S B E S T O S

	Year 1928		Year 1929	
	Pounds	Value	Pounds	Value
Michigan .....	169,915	10,794	194,565	10,806
Mobile .....	2,423,223	35,900	2,113,778	29,922
New York .....	5,908,175	112,476	1,356,914	24,350
New Orleans .....	18,768,986	263,606	9,283,026	130,981
North Carolina .....	89,992	1,439	...	...
Ohio .....	83,267	1,878	68,267	1,257
Oregon .....	13,200	267	3,164	45
Porto Rico .....	9,000	193	63,000	887
Philadelphia .....	6,869,862	159,753	22,169,611	276,536
Pittsburg .....	144,115	2,136	...	...
Rhode Island .....	50,981	684	80,000	1,183
San Francisco .....	182,587	2,680	27,162	529
Sabine (Texas) .....	48,709	771	917,168	11,838
St. Lawrence .....	36,598	1,155	...	...
South Carolina .....	195,452	3,342	51,520	864
Vermont .....	18,321	963	3,560	171
Virginia .....	84,878	1,390	47,872	663
Wisconsin .....	3,200	193	...	...

55,667,437    \$886,066    56,691,328    \$773,771

## Exports from U. S. A.

*Exports of unmanufactured asbestos during November<sup>1</sup> 1929 amounted to 36 tons, valued at \$5,266. During the same month in the previous year, 44 tons were exported, valued at \$19,319.*

### *Exports of Manufactured Asbestos Goods:*

	November 1928		November 1929	
	Pounds	Value	Pounds	Value
Paper, Mlbd. & Rlbd. ..	91,855	\$10,030	227,725	\$16,683
Pipe Covg. & Cement ..	474,794	24,765	604,287	32,466
Textiles, Yarn & Pkg. ..	152,770	93,055	122,473	74,944
Brake & Clutch Lining. 728,338†	140,315	584,992†	122,794	
Magnesia and Mfrs. of..	468,770	35,547	438,214	32,408
Asbestos Roofing .....	6,728*	58,449	4,262*	37,461
Other Manufactures ...	370,925	42,393	494,438	46,949

<sup>1</sup>Exports one month behind Imports. \*Squares. †Lin. Ft.

## Exports of Raw Asbestos from Canada.

	December 1928		December 1929	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
United Kingdom .....	40	\$ 5,500	143	\$ 21,162
United States .....	8,266	508,106	5,906	326,405
Australia .....	110	7,875	150	15,000
Belgium .....	520	35,175	1,162	73,800
France .....	795	46,825	100	5,750
Germany .....	873	99,343	1,975	202,448
Italy .....	190	16,510	338	37,540

# A S B E S T O S

	December 1928		December 1929	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
Japan .....	1,223	65,295	1,510	79,600
Netherlands .....	235	17,000	310	14,700
Spain .....	33	2,310	20	2,100
	12,285	803,939	11,614	778,505
<i>Sand and Waste—</i>				
United Kingdom .....	...	...	60	1,375
United States .....	10,607	169,072	8,873	147,806
Belgium .....	...	...	120	3,000
Cuba .....	...	...	30	360
France .....	220	5,125	...	...
Germany .....	797	19,400	627	15,475
Japan .....	5	125	10	126
Netherlands .....	550	13,750	381	9,525
	12,179	207,472	10,101	177,667
Grand Total .....	24,464	\$1,011,411	21,715	\$956,172

## SUMMARY FOR THE YEAR—CANADA

	Year 1928		Year 1929	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
United Kingdom ..	6,886	\$ 547,250	3,508	\$ 350,410
United States ....	80,765	5,157,955	91,876	6,033,946
Australia .....	1,390	104,275	1,463	137,087
Belgium .....	3,841	309,149	14,291	987,896
Denmark .....	190	17,700	259	20,599
France .....	7,012	505,825	6,583	504,539
Germany .....	13,589	1,153,177	11,329	1,189,580
Italy .....	3,431	296,148	2,424	234,971
Japan .....	9,165	507,758	10,557	567,800
Mexico .....	25	1,750	100	6,500
Netherlands .....	2,464	168,289	1,240	79,485
New Zealand .....	3	195	1	20
Spain .....	431	33,055	92	14,285
Other Countries ..	...	32	2	90
Total .....	129,192	\$8,802,558	143,725	\$10,127,208
<i>Sand and Waste—</i>				
United Kingdom ..	1,964	40,727	2,335	55,850
United States ....	126,417	1,960,491	140,588	2,320,084
Australia .....	4	100	10	250
Belgium .....	963	28,268	651	16,275
France .....	660	14,863	575	13,000
Germany .....	3,460	77,450	2,667	66,515
Italy .....	77	1,925	44	1,100
Japan .....	185	4,875	201	3,190
Netherlands .....	1,988	48,900	1,141	30,025

February 1930

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# A S B E S T O S

	Year 1928		Year 1929	
	Tons	Value	Tons	Value
	(2000 lbs.)		(2000 lbs.)	
New Zealand .....	3	30	...	...
Spain .....	8	100	...	...
Other Countries ..	...	...	93	1,185
	135,729	\$2,177,729	148,305	\$2,507,474
	264,921	\$10,980,287	292,030	\$12,634,682

## Imports and Exports by England.

### Imports of Raw Material.

	December 1928		December 1929	
	Tons	Value	Tons	Value
	(2240 lbs.)		(2240 lbs.)	
From Rhodesia .....	845	£ 33,766	786	£ 34,024
From Canada .....	633	10,818	378	11,526
From Other Countries .....	1,128	32,735	1,117	33,804
Total .....	2,606	77,319	2,281	79,354
Re-Shipments .....	437	12,498	37	2,643

### Exports of Manufactured Asbestos Goods:

To Netherlands .....	141	8,102	226	11,348
To France .....	64	8,598	96	9,489
To U. S. A. ....	14	1,890	6	1,977
To British India .....	861	17,149	484	12,761
To Australia .....	70	10,056	59	9,466
To Other Countries .....	1,851	85,173	1,761	76,870
	3,001	£130,968	2,632	£121,911

## SUMMARY FOR THE YEAR—ENGLAND

### Imports of Raw Material.

	Year 1928		Year 1929	
	Tons	Value	Tons	Value
	(2240 lbs.)		(2240 lbs.)	
From Rhodesia .....	13,290	£ 493,167	11,585	£ 474,425
From Canada .....	7,700	136,619	5,488	105,995
From Other Countries .....	11,042*	317,199*	14,354	412,181
	32,032*	947,985*	31,427	992,601
Re-Shipments ....	4,886	172,548	3,094	116,880

### Exports of Manufactured Asbestos Goods:

To Netherlands .....	1,136	77,752	1,221	78,085
To France .....	570	106,878	562	88,330
To U. S. A. ....	199	34,065	113	29,948
To British India .....	8,978	192,477	7,240	168,670
To Australia .....	575	86,692	594	82,063
To Other Countries....	22,203	933,550	23,459	957,059
	33,661	£1,431,414	33,189	£1,404,155

\*Figures revised since published last year.

## 

**Birthdays.** It is a pleasure to extend greetings this month to the following on the occasions of their birthdays: Clarence E. Witherspoon, President, Asbestos Construction Co., Inc., New York City, February 20th; E. M. Rogers, President, Rogers Asbestos Co., Inc., Houston, Texas, February 24th; W. A. Godfrey, Secretary and Manager, Cape Asbestos Co., Ltd., Morley House, London, E. C. 1, March 1st; J. P. O'Malley, Secretary, Standard Asbestos Mfg. Co., Chicago, Ill., March 1st; E. J. Wilson, President, Elwood J. Wilson, Inc., 350 Madison Ave., New York City, N. Y., March 7th; Patrick Smith, of Smith & Kanzler, Elizabeth, N. J., March 15th.

**Turner & Newall, Ltd.,** of London, is reported to have acquired the Havelock Asbestos Mines in Swaziland, the consideration being £250,000.

**The First Asbestos Troop Boy Scouts** (of Asbestos, P. Q.) under Camp Chief W. N. Reakes, who is also Supervisor of Fibre Research, Canadian Johns-Manville Co., Limited, has issued a very attractive Souvenir Number, giving comprehensive information concerning the organization and its activities.

**"Asbestos in Canada"** is the title of an article appearing in the January 10th issue of the Canadian Mining Journal. This article also was published in "Asbestology" for January.

**Asbestos and General Trust.** (Africa). This company, which owns certain mines in Southern Rhodesia, is offering its shareholders for subscription £20,000 10% 3-year Term Notes at par, repayable at 105%. The Company it is stated, is now at the producing stage, but additional capital expenditure is necessary in order to finance production and increase output. The mill is said to be producing 4 tons per day of finished asbestos.

**Morgan, Crossley & Co., Ltd.,** of Ducie Mills, Manchester, England, manufacturers of Tenoid brake and clutch linings and of asbestos cloth, packings, and lagging, have just completed the erection of a new building on the industrial estate owned by them in Hulme Hall Lane. This building, the erection of which marks very fittingly the firm's centenary (they trace their origin back to 1829) will house their enlarged spinning and weaving plant, the finishing section finding its needed room for expansion in the existing buildings thus rendered vacant.

The new building consists of one main shop without pillars, giving a clear area of 1,260 square yards for manufacturing purposes, and is designed to repeat the same area at a later date. The length of the building is 63 yards, the clear width is 20 yards, and the height from floor to the underside of roof principals 4 yards.

## — A S B E S T O S —

The feature of the building is the allowance of a maximum of floor area, without being broken up by columns, the roofing being carried by large lattice girders which in turn carry the balanced roof principals. These principals are also prepared for carrying the line shafting.

Along with this new building there have also been erected buildings adjoining for crude asbestos and finished stocks, the whole forming a complete unit.

The officers of the company are Herbert Morgan, Chairman; E. C. Barnes, C. B. E., Vice Chairman; Hubert C. Walter, M. A., L.L. B., Managing Director, G. E. Mitchell, Secretary.

**The Aetna Asbestos Insulation & Roofing Company**, of Philadelphia, Pa., sometime ago moved into their new building at 1213 Wood Street. Readers are requested to make note of the new address of the Aetna Company.

**Ric-wiL Company.** Plans to take care of the rapidly expanding organization of the Ric-wiL Company, Cleveland, Ohio, were discussed at their annual sales meeting held at the Home Office during the week of January 6th. The more comprehensive management plans now include branch offices at New York, Chicago, Boston, St. Louis, Baltimore and Atlanta, with J. A. Dougherty, Vice President and Sales Manager, C. Harrington, Eastern Division Manager, F. Belser, Central Division Manager, F. Austin, Western, and R. V. Klein, Southern Division Manager.

For twenty years manufacturers of underground conduit systems, the Ric-wiL Company have within the past year expanded their line to include Cradle Base for sewer pipe, Cast Iron Drain, Sewer Joint Compound and filter Tape for drain tile, besides a line of accessories for modern underdrain construction.

**The Russell Manufacturing Company** of Middletown, Conn., are holding a series of salesmen's conferences at all their branches thruout the United States. These conferences are held yearly to keep the salesmen informed on new products, to overcome service problems, etc., and in general educate the field men and so give their customers more efficient and satisfactory service.

The Middletown, Conn., Division held their conference at the factory on December 20th and 21st. The Atlanta, Ga., Division held theirs in Atlanta, on December 30th and 31st. The Dallas, Texas, Division conference was on January 16th and 17th, and the Pacific Coast Division in San Francisco on January 23, 24 and 25. The Chicago and Detroit Divisions are yet to be held.

**Transvaal & Delagoa Bay Investment Co., Ltd.**, held its annual meeting in Johannesburg on December 3rd. In making his report for the year the Chairman among other things said: "When we last met together I mentioned the purchase of a freehold property in the Prieska District of the Cape Province, on which asbestos was discovered. We have been busy prospecting the lodes at various points for over a whole year. While a fair proportion of asbestos was found of commercial value, our search

## — A S B E S T O S —

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**Stocks of  
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## — A S B E S T O S —

for a long fibre product has not been successful. We have consequently decided to relinquish further prospecting and to lease the surface of the property for pastoral purposes, and the mining of asbestos to tributors."

**Southern Asbestos Company.** C. H. Carlough, having resigned as President of the Southern Asbestos Company of Charlotte, N. C., the Board of Directors has elected R. J. Stokes as President and J. O. Baur as Vice President of the Corporation.

Mr. Stokes and Mr. Baur are officers of the Thermoid Company, with which company the Southern Asbestos Company recently merged.

**Southern Asbestos Company.** George S. Fabel has been appointed General Manager of the Southern Asbestos Company of Charlotte, N. C.

**Asbestos Corporation Limited,** has recently put electric shovels into operation at its King and Beaver Pits, in an endeavor to keep the rate of rock production at the pits up to the summer figures. In the past during the winter months, due to snow and ice, rock production fell off somewhat, but it is expected that the new equipment will remedy this state of affairs.

New dryers are being installed at the British Canadian Mine at Black Lake, and that plant has been shut down for the past few weeks while changes are being made.

The Corporation's plant at East Broughton, which usually closes down on December 31st until the summer months, was operated thruout the month of January this year, in order to take care of calls for its material.

**Dr. W. H. Huber,** President of Asbestos Fibre Spinning Company of North Wales, Pa., has been quite ill in the Hahnemann Hospital, Philadelphia, but at this writing is reported to be progressing favorably.

**Hinman Asbestos Corporation** of Cambridge, Mass., announce that, effective February 1st, Royal Sterling has affiliated with their firm. Mr. Sterling will be remembered as the organizer and manager of the Asbestos Board of Trade of Boston.

**Johns-Manville Corporation.** L. A. Baldwin, former Manager of the Sales Engineering Department of the Eastern Division, has been promoted to Manager of the General Sales Engineering Department, vice E. S. Crosby who has been elected Vice-President and General Manager of Johns-Manville International Corporation.

M. Craighead, formerly Sales Supervisor, has been promoted to the position of Sales Manager, Power Products Distribution

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— A S B E S T O S —

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BRAIDED TUBINGS

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WOVEN BRAKE LININGS

GLOVES, MITTENS, LEGGINS

GASKETS, SEAMLESS AND JOINTED

PACKINGS, STEM AND HIGH PRESSURE

WICK AND ROPE

**ASBESTOS FIBRE SPINNING COMPANY**

NORTH WALES, — PENNA.

## — A S B E S T O S —

Department, Eastern Division.

**The Rankin-Dutney Corporation.** H. P. Rankin, formerly Eastern Division Sales Manager, and G. V. Dutney, formerly Sales Manager of the Power Products Distribution Department of the Eastern Division, of Johns-Manville Corporation, recently resigned those positions to enter business together as approved insulation contractors for the Johns-Manville Corporation, with headquarters in Cleveland, O.

**The Deutsche Asbest Und Celite Gesellschaft mit beschränkter Haftung** is the name of the company now acting as special representatives for Johns-Manville Corporation in Germany and other central European countries. The company has an organization whose members for many years have been associated with the sale of asbestos and diatomaceous earth products, or with German industries using such products. The main office of the company is in Berlin.

**Philip Carey Company.** L. J. Henshaw, formerly Manager of Insulation Specialties Department of the Philip Carey Company, Cincinnati, O., has resigned, and that Department is being taken care of by A. F. Moore.

**C. H. Carlough,** who recently resigned as President of the Southern Asbestos Company, is taking a well earned vacation, after which he will announce in this publication his plans for the future.

**The Rosey Cross Asbestos Mines** of Rhodesia, Ltd., which was incorporated last February to acquire various asbestos mines comprising an area of 310 acres in Southern Rhodesia, has made a contract with its commercial agents, the Asbestos Supply Co., 24 Great Tower St., E. C. 3, London, by which the latter take the whole of the output for seven years at market price. The mining company proposes to extend the plant immediately to produce 200 tons monthly.—*India Rubber Journal.*

**Turner-Newall, Ltd.** At the annual general meeting of the Ordinary shareholders of Turner and Newall, Ltd., held on December 20th, F. S. Newall because of ill health, requested that someone else be appointed Chairman, and proposed for Chairman the name of Samuel Turner, who was duly appointed. H. Rupert Turner was appointed Vice Chairman.

Harold Jones and John Carter were re-elected Directors of the Company, and C. S. Bell and E. F. Jucker, who had been appointed to the Board during the year, were also re-elected as Director.

**Ehret Magnesia Mfg. Co.** John P. DuBois, Sales Manager, and Mrs. DuBois recently took a vacation motor trip thru the South, during which they also visited Cuba.

**The National Asbestos Manufacturing Company** of Jersey City, N. J., announce the opening of a Chicago Warehouse and Sales Office, made necessary because of their rapidly increasing business in the Middle West on Pyro-Bestos, Laminated Sponge

## ASBESTOS

Coverings and Stack Linings, as well as other asbestos products.

The office and warehouse are located at 1705 West Pershing Road in the Central Manufacturing District of Chicago, and is in charge of Robert Phelan, who has been identified with the Asbestos industry for the past twenty years and enjoys an extensive acquaintanceship with the trade.

### PATENTS

**Production of Composite Yarns.** No. 1,732,593. Granted on October 22nd, to Phillip D. Cannon, Philadelphia, Pa., assignor to Johns-Manville Corporation, New York City. Filed June 22, 1928. Serial No. 287,464.

Described as method of yarn manufacture comprising as steps, fasciating roving composed of fibres with helically wrapped filament and spinning a twist in said wrapped roving in the same rotative direction as that of the helical wrapped. Also, yarn comprising a core of fibre roving, filament wrapped in open helix upon said core and fasciating the fibres thereof, the core and filament twisted in the same rotative direction.

**Corrugated Roofing and Building Sheet.** No. 1,732,368. Granted on October 22nd, to Louis Lane, Havana, Cuba. Filed August 10, 1927. Serial No. 211,991.

Described as an improved article of manufacture comprising the duplicates corrugated building or roofing sheet formed by uniting two separate preformed corrugated sheet elements, the outer one being made of Asbestos Cement and the inner one from an assembly of pure moulded and compressed compound cork board sections, the said two united corrugated sheet elements being cemented together by joining cement between their meeting places.

**Insulating Structure.** No. 1,734,209. Granted on November 5th to Kenneth W. Huffine, Alexandria, Ind., assignor to Banner Rock Corporation, Alexandria. Filed June 11, 1927. Serial No. 198,234.

Described as an insulating structure including a multiple segment, fireproof and heat insulating body portion, a metal lath backing the same, a metal screen covering the body segments opposite the lath supported portion thereof, and secured to the lath and an imperforate metal sheet covering the same and secured to the lath.

**Expansion Joint.** No. 1,735,270. Granted on November 12th to Albert C. Fischer, Chicago, Ill., assignor to Philip Carey Mfg. Co. Filed November 29, 1926. Serial No. 151,413.

Description will be supplied upon request.

**Method of Manufacturing Aircell Pipe Covering.** No. 1,735,684. Granted on November 12th, to August P. Jurgenson, Philadelphia, Pa., assignor to Concentric Aircells Automatic Co. Original application Jan. 30, 1929. Serial No. 336,163. Divided

## — A S B E S T O S —

and this application filed July 23, 1929. Serial No. 380,444.

Described as a method of forming pipe covering which consists in coating a plurality of sheets of heat resisting material of the same length but of gradually decreasing widths, with an adhesive, superimposing said sheets in a pyramidal formation with the widest of said sheets at the bottom and the narrowest of said sheets on top, superimposing a sheet of fabric of the same length and width as the widest of said sheets at the top of said pyramidal formation of sheets and molding said sheets around a cylindrical core to form a longitudinally split cylindric pipe covering composed of concentric, nested cylinders having their longitudinal edges parallel juxtaposed and in the same cylindric plane, said pipe covering being of uniform cross section thickness thruout.

**Gasket.** No. 1,738,513. Granted on December 10th, 1929, to Claude B. Bailey, Wyandotte, Mich., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Filed May 20th, 1925. Serial No. 31,484. Description upon request.

**Metallic Packing.** No. 1,740,780. Granted on December 24th, to Frank J. Oven, Chicago, Ill., assignor to Victor Mfg. & Gasket Co. Filed October 25, 1920. Serial No. 419,449. Description upon request.

**Strand and Brake Lining and Method of Making Same.** No. 1,741,443. Granted on December 31st, to Edward Slade, New York City. Filed February 20, 1924. Serial No. 694,168.

Described as method of making a strand which consists in applying a strip of fibrous material to a cord in sheathlike form, applying an adhesive to the space between the applied strip and the cord, applying a second strip of fibrous material over the first strip in convolute form applying a convolute binding element, applying a dry lubricant bearing compound over said binding element and outer strip and sizing and compacting the thus built-up strand.

**Process of Refining Asbestos Ore.** No. 1,741,869. Granted on December 31st to Fred A. Mett, Woodlawn, Md., assignor to Powhatan Mining Corporation. Filed August 23, 1923. Serial No. 659,000.

Described as in a process of refining asbestos, subjecting comminuted asbestos ore while in a non-solvent liquid to a combined drawing and rubbing action.

**Friction Resisting Material for Brakes.** No. 1,741,896. Granted on December 31st to Rudolf L. R. Wild, assignor to Union Asbestos & Rubber Co., Chicago, Ill. Filed December 20, 1928. Serial No. 327,199.

Described as, in combination a brake drum of pressed steel, an asbestos brake band associated with said drum, said asbestos band having metallic lead wires incorporated therein whereby scoring of the brake drum is prevented.

## THIS AND THAT

It is estimated by the National Automobile Chamber of Commerce that automobiles of America will travel one hundred and fifty-six billion miles during 1930.

Two darkies in a ramshackle flivver, whose brakes were, of course, a negligible quantity, had just succeeded in making it across the track ahead of a train, much to the terror of both.

"Gwash, gwash," exclaimed one, "Waffo' you blow yo' ho'n? 'At ain't gwine do no good."

"Boy, 'at wasn't mah ho'n — 'at was Gabriel's."

"Avoid price cutting and wage cutting," says Forbes.

The proposed new trade-mark bill contains several interesting and valuable features. It is predicted that the bill will be passed by this session of the U. S. Congress.

One of our readers suggests that the following applies accurately to certain divisions of the Asbestos Industry:

A negro preacher announced to his congregation that "de subjee' ob dis evenin's talk will be 'De Status Quo ob Dis Church'".

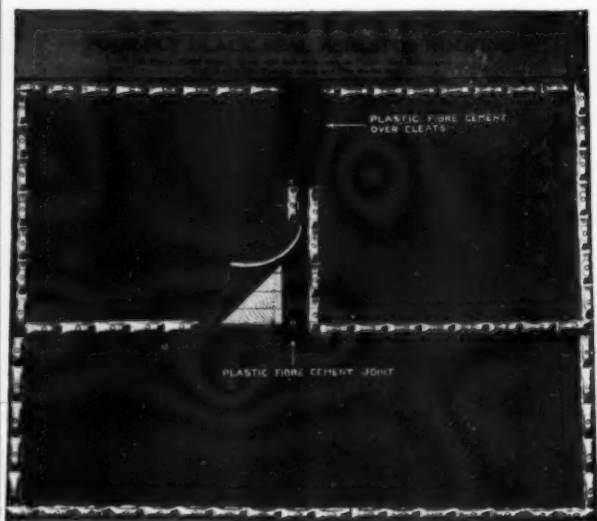
"What am dis yeah 'Status Quo' you all's talkin' 'bout?" queried one of the flock.

"'Status Quo', Brudder, am Latin," explained the parson. "It means 'De Mess We Is In!'"

The 1930 Edition of the American Society of Heating and Ventilating Engineers Guide, is just off the press. It can be obtained for \$5.00 the copy from the publishers, the A. S. H. & V. E., at 29 W. 39th St., New York City.

"I feel that 1930 should be just as good, or better than, 1929, providing we all put our nose to the grindstone," is how one reader puts it.

## ASBESTOS



### CLASS "A" ROOFING

Four (4) Ply Black Seal Asbestos Roofing for use on Wood Decks with inclines of 3 in. fall to the foot or more. Ideal type of Roofing for saw-tooth construction. Used in connection with all types of Built-up Roofings of either Asbestos Felts, Asphalt Felts or Tarred Felts.

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